

one of the front surface layer and the rear surface layer being made of a fiber reinforced plastic using a porous and air-permeable phenolic resin as a matrix.

3. (Amended) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is made of a carbon fiber reinforced plastic using a porous and air-permeable phenolic resin as a matrix.

4. (Amended) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is made of a glass fiber reinforced plastic using a porous and air-permeable phenolic resin as a matrix.

6. (Amended) A honeycomb sandwich panel according to claim 1, wherein the honeycomb core is made of a material selected from the group consisting of an aramid fiber and a glass fiber reinforced plastic.

7. (Twice Amended) A honeycomb sandwich panel for use in an interior material, exterior material, partition material or structural member of a spacecraft comprising:
a honeycomb core having a number of cells extending therethrough in a thickness direction of the honeycomb core; and
a front surface layer and a rear surface layer provided on both sides of the cells in the thickness direction of the honeycomb core and closing openings of the cells, at least one of the front surface layer and the rear surface layer being made of a fiber reinforced plastic using a porous and air-permeable phenolic resin as a matrix.

9. (Amended) A honeycomb sandwich panel according to claim 7, wherein each of the front surface layer and the rear surface layer is made of a carbon fiber reinforced plastic using a porous and air-permeable phenolic resin as a matrix.

10. (Amended) A honeycomb sandwich panel according to claim 7, wherein each of the front surface layer and the rear surface layer is made of a glass fiber reinforced plastic using a porous and air-permeable phenolic resin as a matrix.

12. (Amended) A honeycomb sandwich panel according to claim 7, wherein the honeycomb core is made of a material selected from the group consisting of an aramid fiber and a glass fiber reinforced plastic.